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Com-3

DD/S&T 569-68

9 February 1968

ELINT EVALUATION WORKING GROUP

Minutes of the Seventh Meeting held 6 February 1968

CIA Headquarters Building

25X1

[redacted] CIA, Chairman

PRESENT:

DIA:

[redacted]

25X

NSA:

AIR FORCE:

Lt. Colonel Jack M. Parrish

NAVY:

Mr. Robert D. Hilbish

ALSO PRESENT:

AIR FORCE:

Lt. Colonel Arnold Friedman

CIA:

[redacted]

25X

EXECUTIVE SECRETARY:

NSA

25X1

[redacted] briefed the Working Group on some techniques which might serve to organize ELINT costs in a form compatible with the evaluation methodology. Copies of his vue-graph slides are attached for reference. [redacted] pointed out that certain problem areas had to be identified and resolved before the cost effectiveness figures for the above illustrations could be established. The problem areas include:

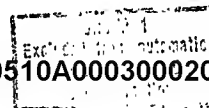
25X1

- a. Identify collection and processing entities.
- b. Determine missions performed by each entity.
- c. Determine direct costs and positions for each mission.
- d. Determine indirect costs and positions for each mission.

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e. Determine direct and indirect cost sensitivities to tasking for each collector.

f. Establish cost versus tasking curves for each collector.

g. Determine phasing out costs.

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2. [] advised that JCS had established four states of conflict/tension: Cold War, General War, Guerrilla Warfare and Limited War; and suggested that the Working Group may want to adopt these terms for values in the Group's transform. After a general discussion of their definitions, it was decided to use three terms (General War, Limited War, and Cold War) in the transform. At this point, the Chairman suggested reducing the number of interest levels (National, Theater and Local) from three to two (National and Theater), as the observables for the Theater and Local level would appear to have approximately the same values.

25X1

[] and Lt. Colonel Parrish stated that they felt cutting the number of states below twenty seven would reduce the effectiveness of the transform. The Chairman concurred in maintaining twenty seven states for the present, and continuing the deliberation on this number after the intelligence fields are more completely structured.

[]

Executive Secretary
ELINT Evaluation Working
Group

25X

Attachment:
As Stated

Distribution:

1 - Each Member

25X1

10

1 -

1 -

1 -

25X1

1 -

SIGINT Committee Secretariat

25X1

1 -

Chrono

2 - DD/S&T Registry

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ELINT SYSTEMS COSTS
-- CONCEPTS AND STATUS

OBJECTIVE -- To develop Elint systems costs that are
compatible with performance evaluation
methodology.

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PERFORMANCE Vs. MISSION AND TARGET

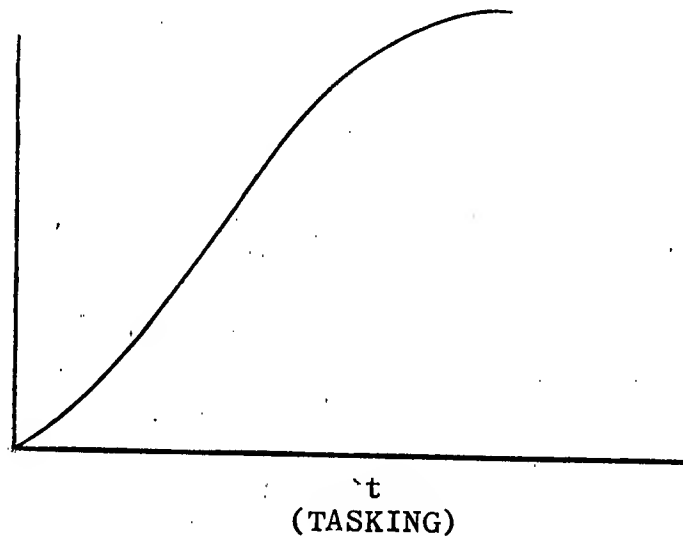
TARGET	MISSION		
	STRATEGIC	TECHNICAL	OPERATIONAL
National			
Theatre			
Local			

COST Vs. MISSION AND TARGET

TARGET	MISSION		
	STRATEGIC	TECHNICAL	OPERATIONAL
National			
Theatre			
Local			

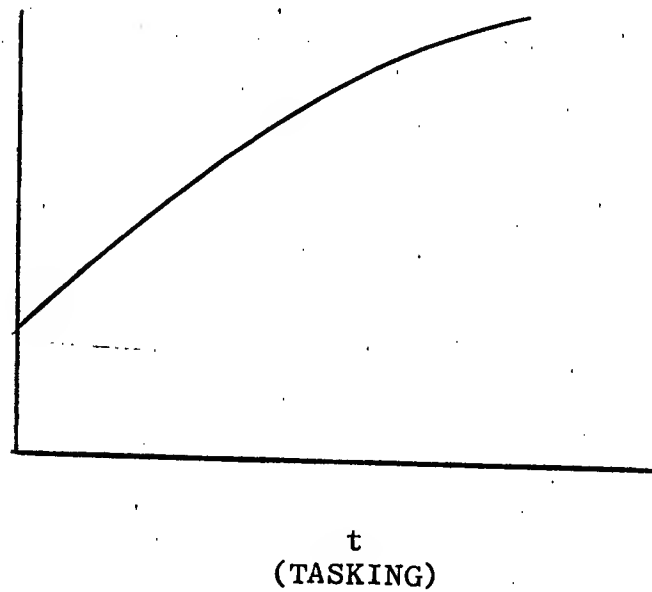
COLLECTOR CAPABILITY Vs. TASKING

P
(PERFORMANCE)



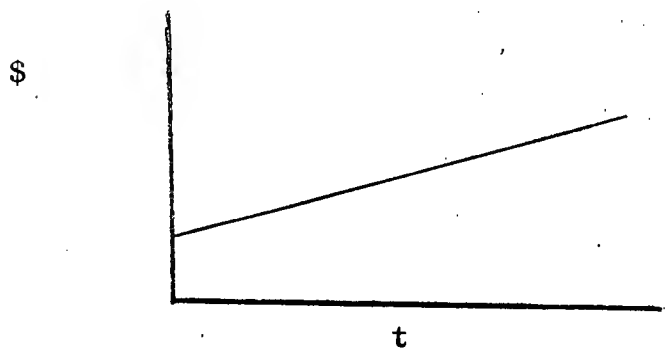
COLLECTION COSTS Vs. TASKING

C
(COSTS)

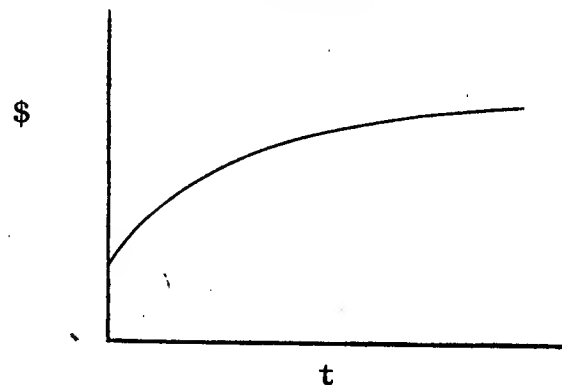


DIRECT AND INDIRECT COSTS Vs. TASKING

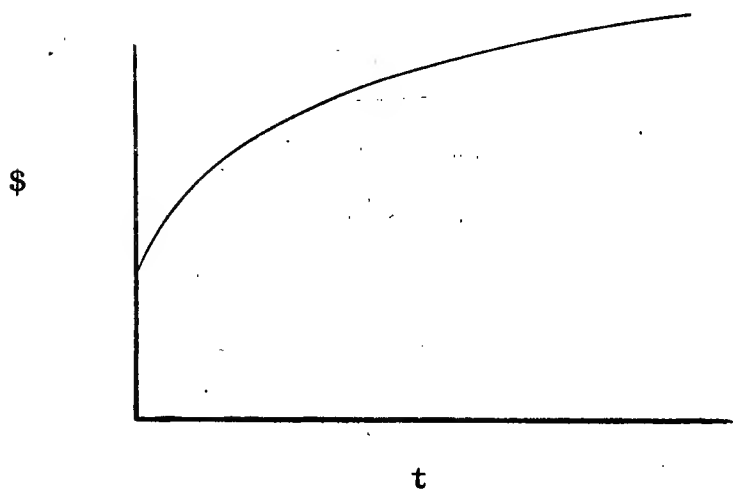
DIRECT



INDIRECT



DIRECT AND INDIRECT (Including Phase Out)



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TARGET ORIENTED DISPLAY COSTS

A. SUMMARY COSTS

INTELLIGENCE FUNCTIONS

RESOURCES

B. GEOPOLITICAL TARGET AREAS

C. SUBJECT TARGETS

D. MILITARY TARGETS

STRATEGIC FORCES

OFFENSIVE

DEFENSIVE

GENERAL PURPOSE FORCES

AIR

GROUND

NAVAL

MILITARY

COMMAND AND CONTROL

SPECIAL WEAPONS

SPACE PROGRAMS

UNDISTRIBUTED

PROBLEMS

1. Identify collection and processing entities.
2. Determine missions performed by each entity.
3. Determine direct costs and positions for each mission.
4. Determine indirect costs and positions for each mission.
5. Determine direct and indirect cost sensitivities to tasking for each collector.
6. Establish cost vs. tasking curves for each collector.
7. Determine phase out costs.